

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611txm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	4	OCT 28	KOREAPAT now available on STN
NEWS	5	NOV 30	PHAR reloaded with additional data
NEWS	6	DEC 01	LISA now available on STN
NEWS	7	DEC 09	12 databases to be removed from STN on December 31, 2004
NEWS	8	DEC 15	MEDLINE update schedule for December 2004
NEWS	9	DEC 17	ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	10	DEC 17	COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	11	DEC 17	SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	12	DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13	DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14	DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15	DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16	JAN 03	No connect-hour charges in EPFULL during January and February 2005
NEWS	17	JAN 26	CA/CAPLUS - Expanded patent coverage to include the Russian Agency for Patents and Trademarks (ROSPATENT)
NEWS	18	FEB 10	STN Patent Forums to be held in March 2005
NEWS	19	FEB 16	STN User Update to be held in conjunction with the 229th ACS National Meeting on March 13, 2005
NEWS EXPRESS			JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:38:08 ON 18 FEB 2005

=> file reg

FILE 'REGISTRY' ENTERED AT 16:38:15 ON 18 FEB 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 FEB 2005 HIGHEST RN 832673-31-1

DICTIONARY FILE UPDATES: 16 FEB 2005 HIGHEST RN 832673-31-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

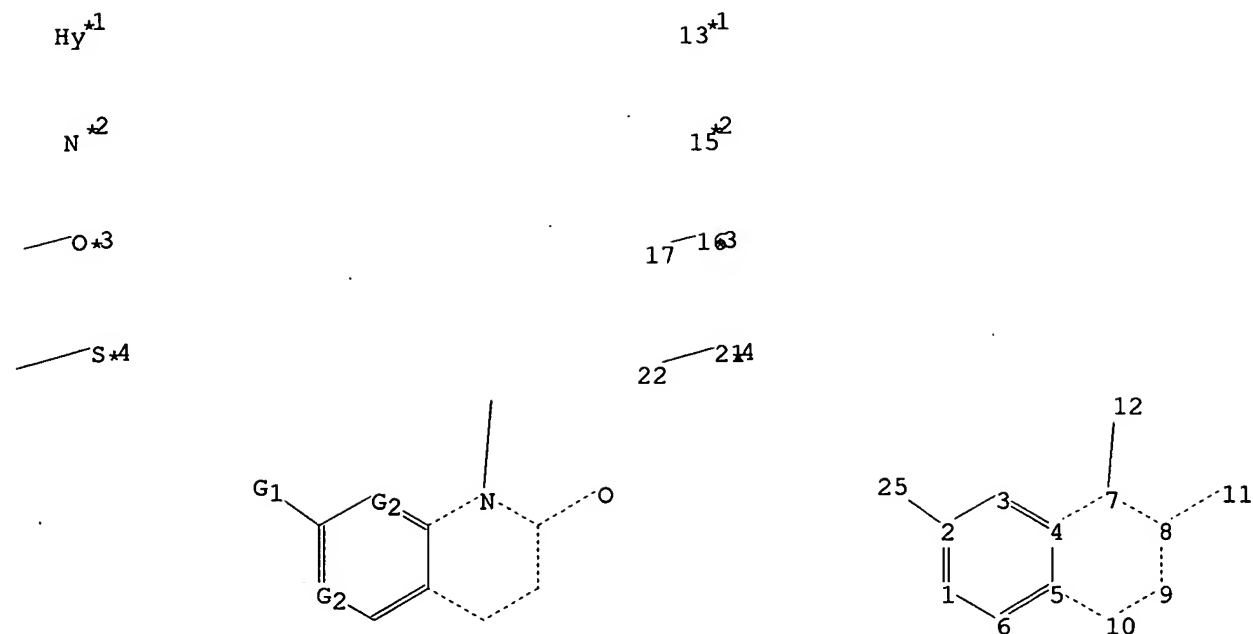
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10647234a.str



chain nodes :  
 11 13 16 21 25  
 ring nodes :  
 1 2 3 4 5 6 7 8 9 10  
 ring/chain nodes :  
 12 15 17 22  
 chain bonds :  
 2-25 7-12 8-11 16-17 21-22  
 ring bonds :  
 1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10  
 exact/norm bonds :  
 1-2 1-6 2-3 2-25 3-4 4-5 4-7 5-6 5-10 7-8 7-12 8-9 8-11 9-10 16-17  
 21-22  
 isolated ring systems :  
 containing 1 :

G1:X, [\*1], [\*2], [\*3], [\*4]

G2:CH,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
 11:CLASS 12:CLASS 13:Atom 15:CLASS 16:CLASS 17:CLASS 21:CLASS 22:CLASS  
 25:CLASS

Element Count :

Node 13: Limited

N,N1

L1 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10647234.str

Hy\*1

13\*1

N\*2

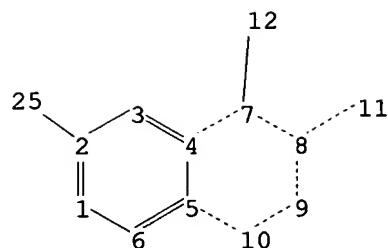
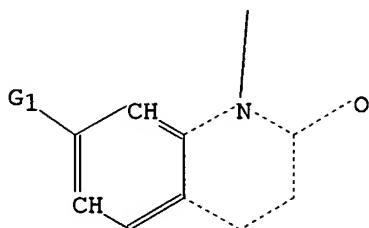
15\*2

—O\*3

17—16\*3

—S\*4

22—21\*4



chain nodes :

11 13 16 21 25

ring nodes :

1 2 3 4 5 6 7 8 9 10

ring/chain nodes :

12 15 17 22

chain bonds :

2-25 7-12 8-11 16-17 21-22

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10

exact/norm bonds :

2-25 4-7 5-10 7-8 7-12 8-9 8-11 9-10 16-17 21-22

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:X, [\*1], [\*2], [\*3], [\*4]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:CLASS 12:CLASS 13:Atom 15:CLASS 16:CLASS 17:CLASS 21:CLASS 22:CLASS

25:CLASS

Element Count :

10/647,234

Thomas McKenzie

Node 13: Limited  
N,N1

L2           STRUCTURE UPLOADED

=> s 11 sample

SAMPLE SEARCH INITIATED 16:39:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17351 TO ITERATE

5.8% PROCESSED       1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

17 ANSWERS

FULL FILE PROJECTIONS:   ONLINE   \*\*COMPLETE\*\*  
                          BATCH    \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:       339134 TO   354906  
PROJECTED ANSWERS:           4869 TO     6929

L3           17 SEA SSS SAM L1

=> s 12 subset = 13 sample

SAMPLE SUBSET SEARCH INITIATED 16:39:20 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED       8 ITERATIONS  
SEARCH TIME: 00.00.01

7 ANSWERS

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE   \*\*COMPLETE\*\*  
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):       8 TO       329  
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):           7 TO       298

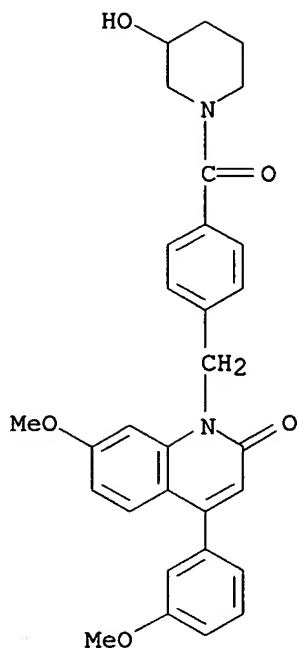
L4           7 SEA SUB=L3 SSS SAM L2

=> d scan

L4   7 ANSWERS   REGISTRY   COPYRIGHT 2005 ACS on STN

IN   3-Piperidinol, 1-[4-[[7-methoxy-4-(3-methoxyphenyl)-2-oxo-1(2H)-  
     quinolinyl]methyl]benzoyl]- (9CI)

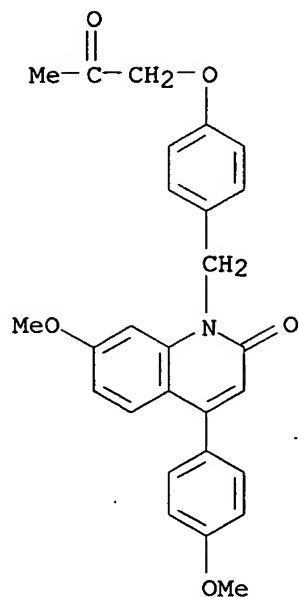
MF   C30 H30 N2 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L4 7 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN 2(1H)-Quinolinone, 7-methoxy-4-(4-methoxyphenyl)-1-[[4-(2-oxopropoxy)phenyl]methyl]- (9CI)  
MF C27 H25 N O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 11 full

FULL SEARCH INITIATED 16:40:17 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 350821 TO ITERATE

100.0% PROCESSED 350821 ITERATIONS

6027 ANSWERS

SEARCH TIME: 00.00.04

L5 6027 SEA SSS FUL L1

=> s 12 subset = 15 full

FULL SUBSET SEARCH INITIATED 16:40:45 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 3131 TO ITERATE

100.0% PROCESSED 3131 ITERATIONS

2616 ANSWERS

SEARCH TIME: 00.00.01

L6 2616 SEA SUB=L5 SSS FUL L2

=> s 15 not 16

L7 3411 L5 NOT L6

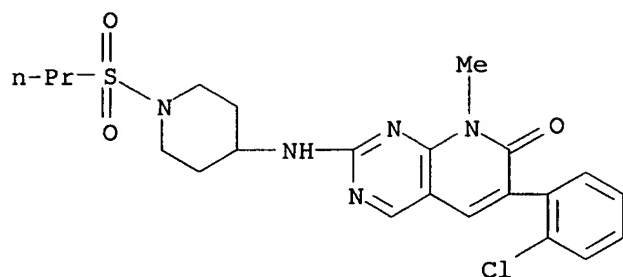
=> d scan

L7 3411 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 4-Piperidinamine, N-[6-(2-chlorophenyl)-7,8-dihydro-8-methyl-7-oxopyrido[2,3-d]pyrimidin-2-yl]-1-(propylsulfonyl)- (9CI)

MF C22 H26 Cl N5 O3 S

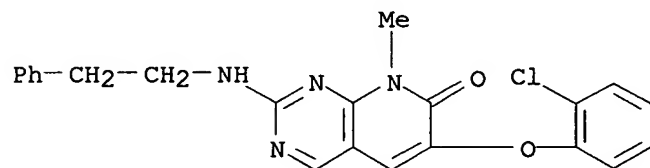
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L7 3411 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Pyrido[2,3-d]pyrimidin-7(8H)-one, 6-(2-chlorophenoxy)-8-methyl-2-[(2-phenylethyl)amino]- (9CI)  
 MF C22 H19 Cl N4 O2  
 CI COM



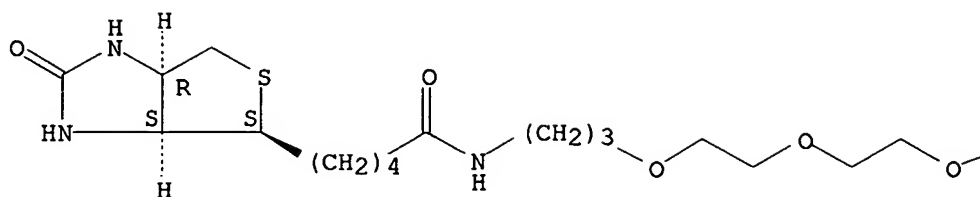
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L7 3411 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Butanediamide, N-[3-[[4-[[6-(2,6-dichlorophenyl)-7,8-dihydro-8-methyl-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]phenyl]amino]-3-oxopropyl]-N'-[19-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-15-oxo-4,7,10-trioxa-14-azanonadec-1-yl]- (9CI)  
 MF C47 H60 Cl2 N10 O9 S

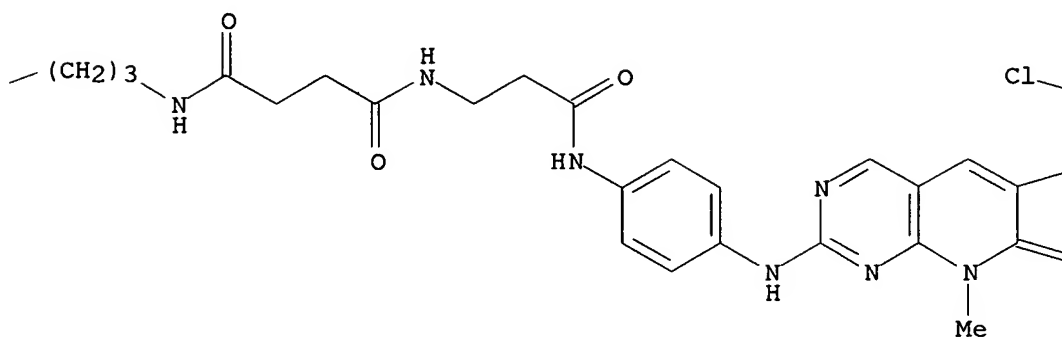
Absolute stereochemistry.



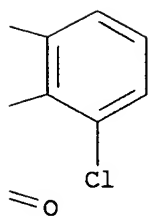
PAGE 1-A



PAGE 1-B



PAGE 1-C



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

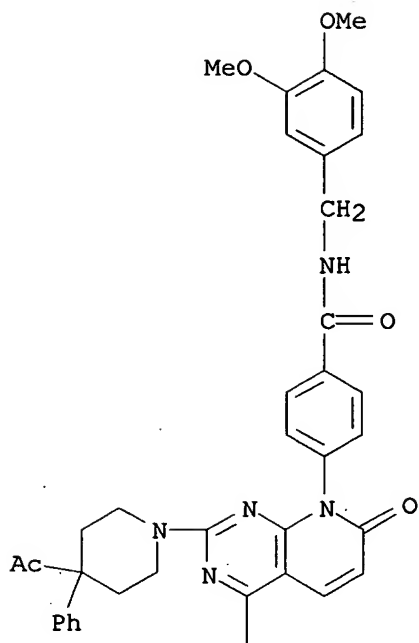
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L7 3411 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Benzamide, 4-[2-(4-acetyl-4-phenyl-1-piperidinyl)-4-methyl-7-oxopyrido[2,3-d]pyrimidin-8(7H)-yl]-N-[(3,4-dimethoxyphenyl)methyl]- (9CI)

MF C37 H37 N5 O5

PAGE 1-A



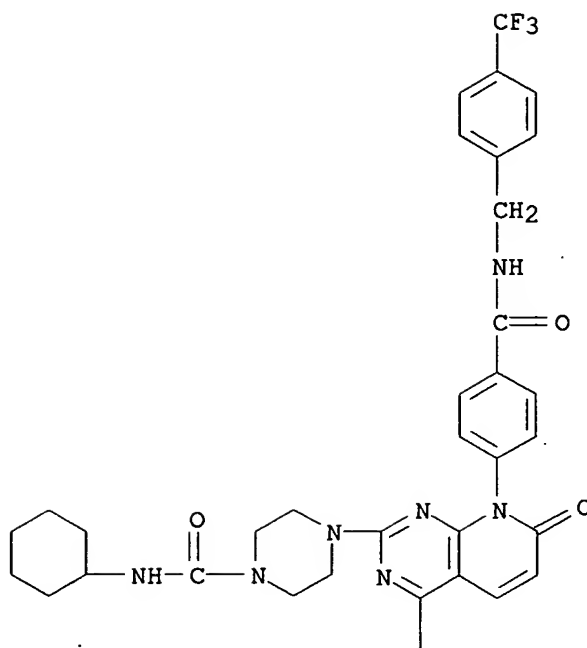
PAGE 2-A

Me

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L7 3411 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 1-Piperazinecarboxamide, N-cyclohexyl-4-[7,8-dihydro-4-methyl-7-oxo-8-[4-  
 [[[4-(trifluoromethyl)phenyl]methyl]amino]carbonyl]phenyl]pyrido[2,3-  
 d]pyrimidin-2-yl]- (9CI)  
 MF C34 H36 F3 N7 O3

PAGE 1-A



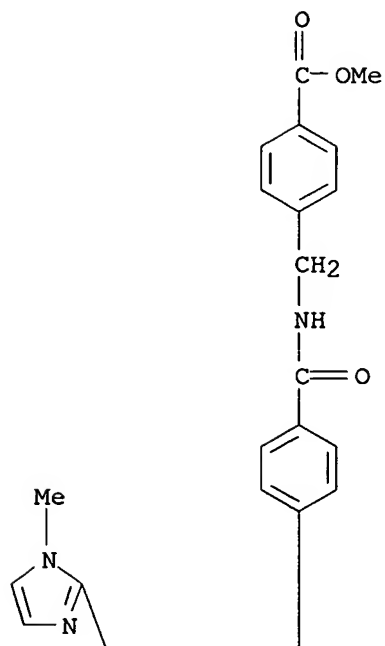
PAGE 2-A

Me

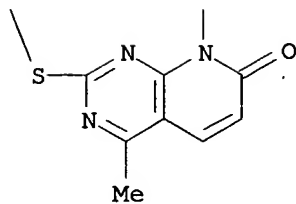
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L7 3411 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Benzoic acid, 4-[[[4-[4-methyl-2-[(1-methyl-1H-imidazol-2-yl)thio]-7-oxopyrido[2,3-d]pyrimidin-8(7H)-yl]benzoyl]amino]methyl]-, methyl ester (9CI)  
 MF C28 H24 N6 O4 S

PAGE 1-A

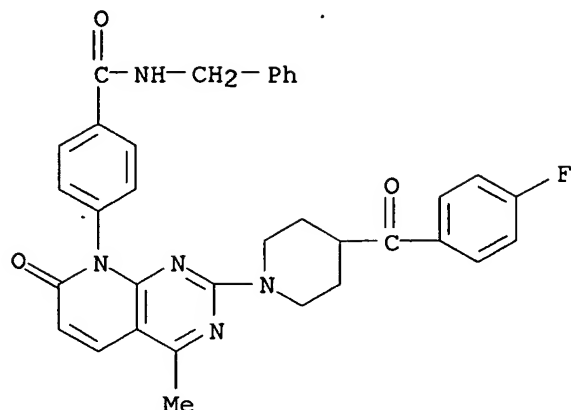


PAGE 2-A



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L7 3411 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Benzamide, 4-[2-[4-(4-fluorobenzoyl)-1-piperidinyl]-4-methyl-7-  
oxopyrido[2,3-d]pyrimidin-8(7H)-yl]-N-(phenylmethyl)- (9CI)  
MF C34 H30 F N5 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> save 17 temp 10\_647234

10\_647234 IS NOT A VALID SAVED NAME

Enter the name you wish to use for the saved query, answer set, or L-number list. The name must:

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile, structure, or screen set), /A for an answer set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

ENTER NAME OR (END):10647234/1

10647234/L IS NOT A VALID SAVED NAME

Enter the name you wish to use for the saved query, answer set, or L-number list. The name must:

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile, structure, or screen set), /A for an answer set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

ENTER NAME OR (END):TOM10647234/1

L# LIST L7 HAS BEEN SAVED AS 'TOM10647234/L'

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:.

STN INTERNATIONAL LOGOFF AT 16:44:47 ON 18 FEB 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611txm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
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NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS INTER	General Internet Information		
NEWS LOGIN	Welcome Banner and News Items		
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN		
NEWS WWW	CAS World Wide Web Site (general information)		

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:50:48 ON 18 FEB 2005

=> ile reg

ILE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> file reg

FILE 'REGISTRY' ENTERED AT 16:50:58 ON 18 FEB 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 16 FEB 2005 HIGHEST RN 832673-31-1

DICTIONARY FILE UPDATES: 16 FEB 2005 HIGHEST RN 832673-31-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

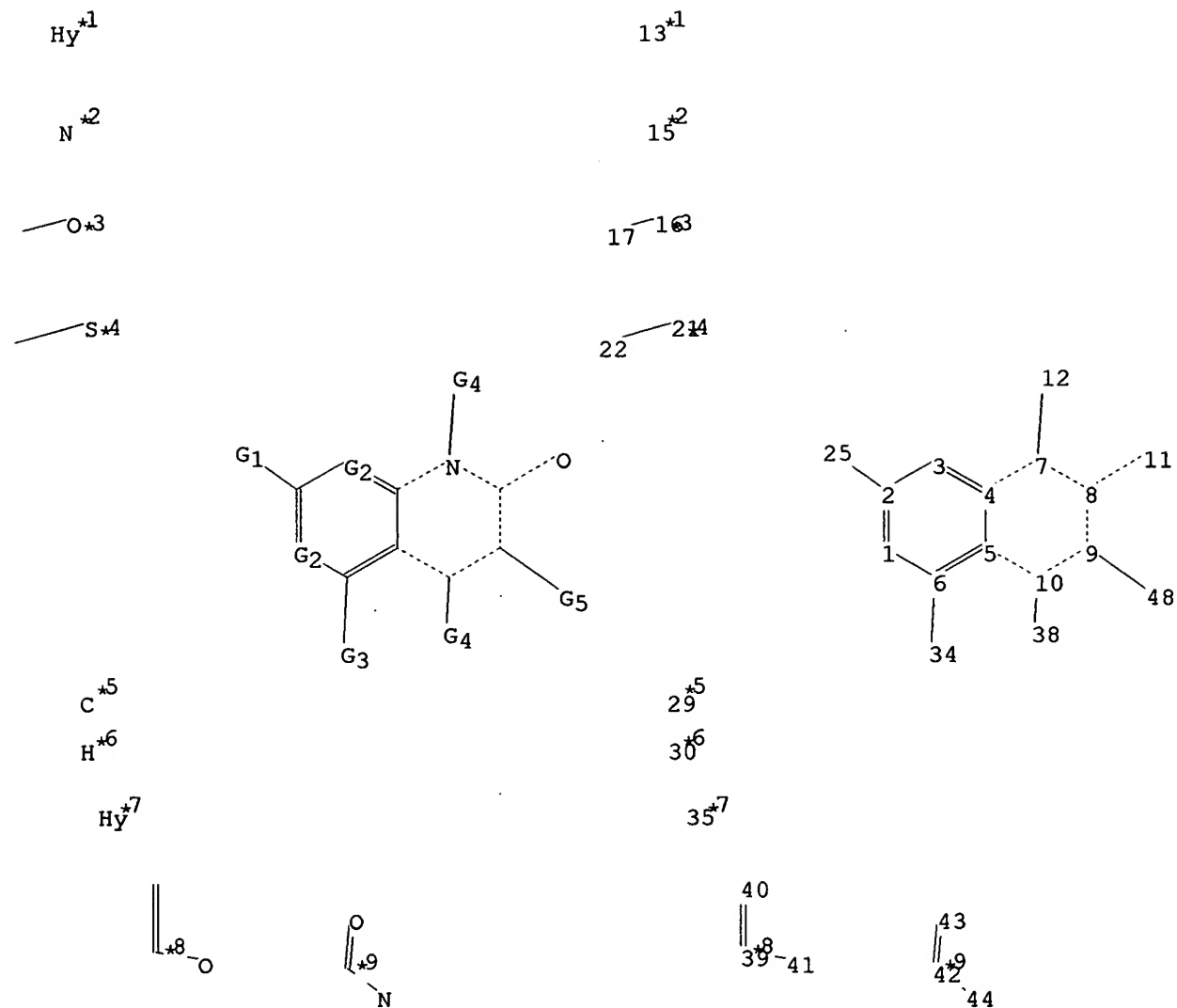
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10647234b.str



chain nodes :

11 13 16 21 25 29 30 34 35 38 39 40 41 42 43 44 48

ring nodes :

1 2 3 4 5 6 7 8 9 10

ring/chain nodes :

12 15 17 22

chain bonds :

2-25 6-34 7-12 8-11 9-48 10-38 16-17 21-22 39-40 39-41 42-43 42-44

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10

exact/norm bonds :

1-2 1-6 2-3 2-25 3-4 4-5 4-7 5-6 5-10 6-34 7-8 7-12 8-9 8-11 9-10  
9-48 10-38 16-17 21-22 39-40 39-41 42-43 42-44



10/647,234            Thomas McKenzie

isolated ring systems :  
containing 1 :

G1:X,[\*1],[\*2],[\*3],[\*4]

G2:CH,N

G3:[\*5],[\*6]

G4:[\*5],[\*6],[\*7]

G5:[\*5],[\*6],[\*8],[\*9]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:CLASS 12:CLASS 13:Atom 15:CLASS 16:CLASS 17:CLASS 21:CLASS 22:CLASS  
25:CLASS 29:CLASS 30:CLASS 34:CLASS 35:Atom 38:CLASS 39:CLASS 40:CLASS  
41:CLASS 42:CLASS 43:CLASS 44:CLASS 48:CLASS

Generic attributes :

35:

Saturation                    : Unsaturated

Element Count :

Node 13: Limited

N,N1

L1        STRUCTURE UPLOADED

=> activate tom 10647234/1

'10647234/L' IS NOT VALID HERE

For an explanation, enter "HELP ACTIVATE".

=> activate tom10647234/1

L2                STR

L3                STR

L4 (            6027)SEA FILE=REGISTRY SSS FUL L2

L5 (            2616)SEA FILE=REGISTRY SUB=L4 SSS FUL L3

L6 (            3411)SEA FILE=REGISTRY L4 NOT L5

=> s 11 subset = 16 sample

L6 MAY NOT BE USED HERE

The L-number must have been created by a search in this file. To see  
all L-numbers defined in this session, enter DISPLAY HISTORY at an  
arrow prompt (=>). For additional information on subset searching in  
this file, enter HELP SUBSET.

ENTER SUBSET L# OR (END):.

SEARCH ENDED BY USER

=> s 12 full

FULL SEARCH INITIATED 16:58:24 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 350821 TO ITERATE

10/647,234 Thomas McKenzie

100.0% PROCESSED 350821 ITERATIONS  
SEARCH TIME: 00.00.05

6027 ANSWERS

L7 6027 SEA SSS FUL L2

=> s 13 subset = 17 full

FULL SUBSET SEARCH INITIATED 16:59:27 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 3131 TO ITERATE

100.0% PROCESSED 3131 ITERATIONS  
SEARCH TIME: 00.00.01

2616 ANSWERS

L8 2616 SEA SUB=L7 SSS FUL L3

=> s 17 not 18

L9 3411 L7 NOT L8

=> s 11 subset = 19

ENTER SUBSET SEARCH SCOPE - SAMPLE, FULL, RANGE, OR (END):sample

SAMPLE SUBSET SEARCH INITIATED 17:00:19 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 167 TO ITERATE

100.0% PROCESSED 167 ITERATIONS  
SEARCH TIME: 00.00.01

31 ANSWERS

PROJECTIONS (WITHIN SPECIFIED SUBSET):

ONLINE \*\*COMPLETE\*\*

PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):

2565 TO 4115

PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):

286 TO 954

L10 31 SEA SUB=L9 SSS SAM L1

=> s 11 subset = 19 full

FULL SUBSET SEARCH INITIATED 17:00:27 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 3411 TO ITERATE

100.0% PROCESSED 3411 ITERATIONS  
SEARCH TIME: 00.00.01

698 ANSWERS

L11 698 SEA SUB=L9 SSS FUL L1

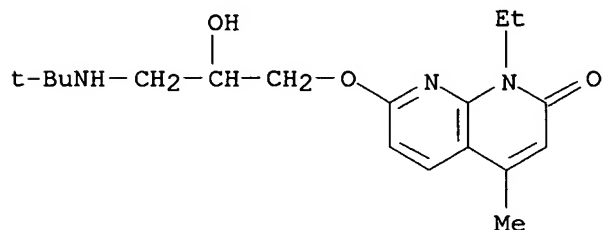
=> d scan

L11 698 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 1,8-Naphthyridin-2(1H)-one, 7-[3-[(1,1-dimethylethyl)amino]-2-hydroxypropoxy]-1-ethyl-4-methyl- (9CI)

MF C18 H27 N3 O3

CI COM

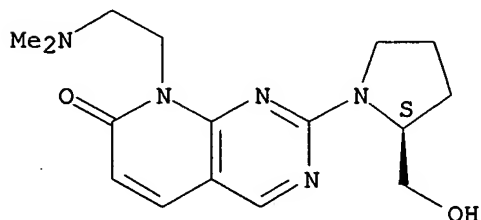


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

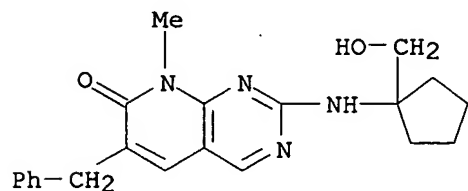
L11 698 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-[2-(dimethylamino)ethyl]-2-[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]- (9CI)  
MF C16 H23 N5 O2

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L11 698 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[1-(hydroxymethyl)cyclopentyl]amino]-8-methyl-6-(phenylmethyl)- (9CI)  
MF C21 H24 N4 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus, caold, chemcat; s l11; s wo-20020068419?/pn  
FILE 'CAPLUS' ENTERED AT 17:01:56 ON 18 FEB 2005  
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FILE 'CAOLD' ENTERED AT 17:01:56 ON 18 FEB 2005

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L12            44 L11

'PN' IS NOT A VALID FIELD CODE  
L13            1 WO-20020068419?/PN

=> s l12 not l13  
L14            43 L12 NOT L13

=> s us-4229456/pn  
'PN' IS NOT A VALID FIELD CODE  
L15            1 US-4229456/PN

=> s l14 not l15  
L16            42 L14 NOT L15

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SORT ENTIRE ANSWER SET? (Y)/N:.  
1 ANSWERS DID NOT HAVE 'PY' SORT FIELD  
PROCESSING COMPLETED FOR L16  
L17            42 SORT L16 PY

=> d 1-25 cbib pi fhitr  
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In a multifile environment, each file must have at least one valid  
format requested. Refer to file specific help messages or the  
STNGUIDE file for information on formats available in individual  
files.  
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):.

L17 ANSWER 1 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1965:66504 CAPLUS  
DN 62:66504  
OREF 62:11808a-c  
TI Analogs of tetrahydrofolic acid. XIX. On the mode of binding of the  
pyrimidyl moiety of N-[p-(2-amino-4-hydroxy-6-methyl-5-  
pyrimidinylpropionamido)benzoyl]-L-glutamic acid to 5,10-  
methylenetetrahydrofolate dehydrogenase.  
AU Baker, B. R.; Almaula, Prabodh I.  
CS State Univ. of New York, Buffalo  
SO Journal of Heterocyclic Chemistry (1964), 1(5), 263-70  
CODEN: JHTCAD; ISSN: 0022-152X  
DT Journal  
LA English  
  
L17 ANSWER 2 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1973:526345 CAPLUS  
DN 79:126345

TI Synthesis and biological activity of certain 1,8-naphthyridines  
AU Carboni, S.; Da Settimo, A.; Bertini, D.; Ferrarini, P. L.; Livi, O.;  
Tonetti, I.  
CS Ist. Chim. Farm. Tossicol., Univ. Pisa, Pisa, Italy  
SO Farmaco, Edizione Scientifica (1973), 28(9), 722-32  
CODEN: FRPSAX; ISSN: 0430-0920  
DT Journal  
LA Italian

L17 ANSWER 3 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1976:24237 CAPLUS  
DN 84:24237  
TI Search for efficient, near uv lasing dyes. II. Aza substitution in  
bicyclic dyes  
AU Hammond, P. R.; Fletcher, A. N.; Henry, R. A.; Atkins, R. L.  
CS Nav. Weapons Cent., China Lake, CA, USA  
SO Applied Physics (Berlin) (1975), 8(4), 315-18  
CODEN: APHYCC; ISSN: 0340-3793  
DT Journal  
LA English

L17 ANSWER 4 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1976:421171 CAPLUS  
DN 85:21171  
TI 1,8-Naphthyridine derivatives: synthesis and pharmacological evaluation  
of  $\beta$ -receptor blocking activity  
AU Tonetti, I.; Bertini, D.; Ferrarini, P. L.; Livi, O.; Del Tacca, M.  
CS Ist. Chim. Farm., Univ. Pisa, Pisa, Italy  
SO Farmaco, Edizione Scientifica (1976), 31(3), 175-82  
CODEN: FRPSAX; ISSN: 0430-0920  
DT Journal  
LA English  
OS CASREACT 85:21171

L17 ANSWER 5 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1976:128535 CAPLUS  
DN 84:128535  
TI New laser dyes with blue-green emission  
AU Schimitschek, E. J.; Trias, J. A.; Hammond, P. R.; Henry, R. A.; Atkins,  
R. L.  
CS Nav. Electron. Lab. Cent., San Diego, CA, USA  
SO Optics Communications (1976), 16(3), 313-16  
CODEN: OPCOB8; ISSN: 0030-4018  
DT Journal  
LA English

L17 ANSWER 6 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1977:575460 CAPLUS  
DN 87:175460  
TI Laser dye stability. Part 3. Bicyclic dyes in ethanol  
AU Fletcher, Aaron N.  
CS Res. Dep., Nav. Weapons Cent., China Lake, CA, USA  
SO Applied Physics (Berlin) (1977), 14(3), 295-302  
CODEN: APHYCC; ISSN: 0340-3793  
DT Journal  
LA English

L17 ANSWER 7 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1979:72120 CAPLUS  
DN 90:72120  
TI Reactions of two 1,8-naphthyridine azides with enamines  
AU Livi, O.; Amato, E.; Biagi, G.; Ferrarini, P. L.; Primofiore, G. P.  
CS Ist. Chim. Farm., Univ. Pisa, Pisa, Italy  
SO Farmaco, Edizione Scientifica (1978), 33(11), 838-48  
CODEN: FRPSAX; ISSN: 0430-0920  
DT Journal  
LA Italian  
OS CASREACT 90:72120

L17 ANSWER 8 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1978:555234 CAPLUS  
DN 89:155234  
TI Laser dye stability. Part 5. Effect of chemical substituents of bicyclic dyes upon photodegradation parameters  
AU Fletcher, Aaron N.; Bliss, Dan E.  
CS Res. Dep., Nav. Weapons Cent., China Lake, CA, USA  
SO Applied Physics (Berlin) (1978), 16(3), 289-95  
CODEN: APHYCC; ISSN: 0340-3793  
DT Journal  
LA English

L17 ANSWER 9 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1979:132582 CAPLUS  
DN 90:132582  
TI Inhibition of gastric acid secretion by 1,8-naphthyridin-2(1H)-ones  
AU Bolhofer, William A.; Hoffman, Jacob M.; Habecker, Charles N.; Pietruszkiewicz, Adolph M.; Cragoe, Edward J., Jr.; Torchiana, Mary Lou  
CS Merck Sharp and Dohme Res. Lab., West Point, PA, USA  
SO Journal of Medicinal Chemistry (1979), 22(3), 301-6  
CODEN: JMCMAR; ISSN: 0022-2623  
DT Journal  
LA English

L17 ANSWER 10 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1981:183233 CAPLUS  
DN 94:183233  
TI Azaquinolone dye lasers  
IN Hammond, Peter R.; Atkins, Ronald L.; Henry, Ronald A.; Fletcher, Aaron N.  
PA United States Dept. of Energy, USA  
SO Can., 24 pp.  
CODEN: CAXXA4  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	CA 1088659	A1	19801028	CA 1977-275956	19770412
PRAI	US 1976-689764	A	19760525		

L17 ANSWER 11 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1984:530612 CAPLUS  
DN 101:130612  
TI Synthesis of bis(2-chloroethyl)amino-1,8-naphthyridines for evaluation as anticancer agents  
AU Ferrarini, Pier Luigi; Mori, Claudio; Biagi, Giuliana; Livi, Oreste; Tonetti, Imperio

CS Ist. Chim. Farm. Tossicol., Univ. Pisa, Pisa, 56100, Italy  
SO Journal of Heterocyclic Chemistry (1984), 21(2), 417-19  
CODEN: JHTCAD; ISSN: 0022-152X  
DT Journal  
LA English  
OS CASREACT 101:130612

L17 ANSWER 12 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1990:151257 CAPLUS  
DN 112:151257  
TI Study of the inhibition of platelet aggregation by 1,8-naphthyridine derivatives  
AU Ferrarini, Pier Luigi; Mori, Claudio; Criscuoli, Marco  
CS Ist. Chim. Farm. Tossicol., Univ. Pisa, Pisa, 56100, Italy  
SO Farmaco (1989), 44(6), 579-84  
CODEN: FRMCE8; ISSN: 0014-827X  
DT Journal  
LA English

L17 ANSWER 13 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1995:256467 CAPLUS  
DN 123:47369  
TI Synthesis and antiplatelet activity of some 1,8-naphthyridine derivatives  
AU Ferrarini, P. L.; Mori, C.; Miceli, M.; Franconi, F.  
CS Dip. Sci. Farmaceut., Univ. Pisa, Pisa, 56126, Italy  
SO European Journal of Medicinal Chemistry (1994), 29(10), 735-41  
CODEN: EJMCA5; ISSN: 0223-5234  
PB Elsevier  
DT Journal  
LA English

L17 ANSWER 14 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1998:543072 CAPLUS  
DN 129:161569  
TI Preparation of pyrido[2,3-d]pyrimidines and 4-aminopyrimidines as inhibitors of cellular proliferation  
IN Boschelli, Diane Harris; Dobrusin, Ellen Myra; Doherty, Annette Marian; Fattacy, Ali; Fry, David W.; Barvian, Mark R.; Kallmeyer, Susanne Trumpp; Wu, Zhipei  
PA Warner Lambert Company, USA  
SO PCT Int. Appl., 170 pp.  
CODEN: PIXXD2  
DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9833798	A2	19980806	WO 1998-US1343	19980126
	WO 9833798	A3	19981105		
	W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2271157	AA	19980806	CA 1998-2271157	19980126
	AU 9866480	A1	19980825	AU 1998-66480	19980126

AU 749750 B2 20020704  
 EP 964864 A2 19991222 EP 1998-908442 19980126  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO  
 BR 9807305 A 20000502 BR 1998-7305 19980126  
 NZ 335666 A 20001027 NZ 1998-335666 19980126  
 JP 2001509805 T2 20010724 JP 1998-532971 19980126  
 ZA 9800914 A 19981109 ZA 1998-914 19980204  
 US 6498163 B1 20021224 US 1999-355681 19990802  
 PRAI US 1997-37220P P 19970205  
 US 1997-69743P P 19971216  
 WO 1998-US1343 W 19980126  
 OS MARPAT 129:161569

L17 ANSWER 15 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1999:139846 CAPLUS

DN 130:196643

TI Preparation of naphthyridinones as protein tyrosine kinase and cyclin dependant kinase inhibitors

IN Barvian, Mark Robert; Denny, William Alexander; Dobrusin, Ellen Myra; Hamby, James Marino; Showalter, Howard Daniel Hollis; Thompson, Andrew Mark; Winters, Roy Thomas; Wu, Zhipei

PA Warner-Lambert Company, USA

SO PCT Int. Appl., 133 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9909030	A1	19990225	WO 1998-US16848	19980813
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2291222	AA	19990225	CA 1998-2291222	19980813
	AU 9888289	A1	19990308	AU 1998-88289	19980813
	AU 742999	B2	20020117		
	EP 1003745	A1	20000531	EP 1998-939941	19980813
	EP 1003745	B1	20041229		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9811956	A	20000815	BR 1998-11956	19980813
	JP 2001515078	T2	20010918	JP 2000-509710	19980813
	NZ 502704	A	20020628	NZ 1998-502704	19980813
	AT 286053	E	20050115	AT 1998-939941	19980813
	ZA 9807491	A	19990421	ZA 1998-7491	19980819
	MX 9911792	A	20000630	MX 1999-11792	19991215
	US 6150359	A	20001121	US 2000-463553	20000126
PRAI	US 1997-56746P	P	19970820		
	WO 1998-US16848	W	19980813		

OS MARPAT 130:196643

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



L17 ANSWER 16 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2000:792832 CAPLUS  
DN 134:127686  
TI Pyrido[2,3-d]pyrimidin-7-one Inhibitors of Cyclin-Dependent Kinases  
AU Barvian, Mark; Boschelli, Dianne; Cossrow, Jennifer; Dobrusin, Ellen; Fattaey, Ali; Fritsch, Alex; Fry, David; Harvey, Patricia; Keller, Paul; Garrett, Michelle; La, Frances; Leopold, Wilbur; McNamara, Dennis; Quin, Marie; Trumpp-Kallmeyer, Susanne; Toogood, Peter; Wu, Zhipei; Zhang, Erli  
CS Departments of Chemistry and Cancer Research, Parke-Davis Pharmaceutical Research Division of Warner Lambert Company, Ann Arbor, MI, 48105, USA  
SO Journal of Medicinal Chemistry (2000), 43(24), 4606-4616  
CODEN: JMCMAR; ISSN: 0022-2623  
PB American Chemical Society  
DT Journal  
LA English  
OS CASREACT 134:127686  
RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 17 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2000:406761 CAPLUS  
DN 133:144627  
TI Novel Cdk Inhibitors Restore TGF- $\beta$  Sensitivity in Cdk4 Overexpressing Epithelial Cells  
AU Soni, Rajeev; Fretz, Heinz; Muller, Lionel; Schoepfer, Joseph; Chaudhuri, Bhabatosh  
CS Oncology Research, Novartis Pharma AG, Basel, CH 4001, Switz.  
SO Biochemical and Biophysical Research Communications (2000), 272(3), 794-800  
CODEN: BBRCA9; ISSN: 0006-291X  
PB Academic Press  
DT Journal  
LA English  
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 18 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:713350 CAPLUS  
DN 135:272982  
TI Preparation of 5-alkylpyrido[2,3-d]pyrimidine tyrosine kinase inhibitors  
IN Booth, Richard John; Dobrusin, Ellen Myra; Toogood, Peter Laurence; Vanderwel, Scott Norman  
PA Warner-Lambert Company, USA  
SO PCT Int. Appl., 119 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001070741	A1	20010927	WO 2001-US2657	20010129
	W:	AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

CA 2401368	AA	20010927	CA 2001-2401368	20010129
EP 1268476	A1	20030102	EP 2001-905114	20010129
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001009056	A	20030603	BR 2001-9056	20010129
JP 2003528101	T2	20030924	JP 2001-568942	20010129
NZ 520962	A	20030926	NZ 2001-520962	20010129
EE 200200506	A	20040216	EE 2002-506	20010129
ZA 2002007110	A	20031204	ZA 2002-7110	20020904
NO 2002004235	A	20021105	NO 2002-4235	20020905
BG 107161	A	20030630	BG 2002-107161	20021002
PRAI US 2000-187124P	P	20000306		
WO 2001-US2657	W	20010129		

OS MARPAT 135:272982

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 19 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:565041 CAPLUS

DN 135:152818

TI Preparation of 2-amino-8H-pyrido[2,3-d]pyrimidin-7-ones as cyclin dependent kinase inhibitors for treatment of neurodegenerative disease

IN Booth, Richard John; Chatterjee, Arindam; Malone, Thomas Charles

PA Warner-Lambert Company, USA

SO PCT Int. Appl., 232 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001055148	A1	20010802	WO 2000-US32572	20001130
	W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2394525	AA	20010802	CA 2000-2394525	20001130
	BR 2000017075	A	20021105	BR 2000-17075	20001130
	EP 1255755	A1	20021113	EP 2000-980883	20001130
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003523358	T2	20030805	JP 2001-561007	20001130
	US 2004224958	A1	20041111	US 2002-181866	20021112
PRAI	US 2000-178400P	P	20000127		
	WO 2000-US32572	W	20001130		

OS MARPAT 135:152818

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 20 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:108404 CAPLUS

DN 137:181455

TI Pyrido[2,3-d]pyrimidin-7-one Inhibitors of Cyclin-Dependent Kinases.  
[Erratum to document cited in CA134:127686]

AU Barvian, Mark; Boschelli, Diane H.; Cossrow, Jennifer; Dobrusin, Ellen;

Fattaey, Ali; Fritsch, Alex; Fry, David; Harvey, Patricia; Keller, Paul; Garrett, Michelle; La, Frances; Leopold, Wilbur; McNamara, Dennis; Quin, Maire; Trumpp-Kallmeyer, Susanne; Toogood, Peter; Wu, Zhipei; Zhang, Erli  
 CS Departments of Chemistry and Cancer Research, Parke-Davis Pharmaceutical  
 Research Division, Warner Lambert Company, Ann Arbor, MI, 48105, USA  
 SO Journal of Medicinal Chemistry (2001), 44(6), 1016  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PB American Chemical Society  
 DT Journal  
 LA English

L17 ANSWER 21 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:637680 CAPLUS

DN 137:185502

TI Preparation of 2,6-disubstituted 7-oxopyrido[2,3-d]pyrimidines for  
 treating p38 mediated disorders

IN Chen, Jian Jeffrey; Dunn, James Patrick; Goldstein, David Michael; Stahl,  
 Christoph Martin

PA F. Hoffmann-La Roche Ag, Switz.

SO PCT Int. Appl., 207 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002064594	A2	20020822	WO 2002-EP1106	20020204
	WO 2002064594	A3	20030109		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2434834	AA	20020822	CA 2002-2434834	20020204
	EP 1361880	A2	20031119	EP 2002-726103	20020204
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	BR 2002007172	A	20040330	BR 2002-7172	20020204
	JP 2004525896	T2	20040826	JP 2002-564525	20020204
	US 2003171584	A1	20030911	US 2002-73845	20020211
	US 6696566	B2	20040224		
	NO 2003003540	A	20030811	NO 2003-3540	20030811
	US 2004116698	A1	20040617	US 2003-722703	20031125
PRAI	US 2001-268375P	P	20010212		
	US 2001-334654P	P	20011130		
	WO 2002-EP1106	W	20020204		
	US 2002-73845	A1	20020211		
OS	MARPAT 137:185502				

L17 ANSWER 22 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:591180 CAPLUS

DN 139:149646

TI Preparation of pyrido[2,3-d]pyrimidin-7-ones as cdk4 inhibitors

IN Barvian, Mark Robert; Booth, Richard John; Quin, John, III; Repine, Joseph

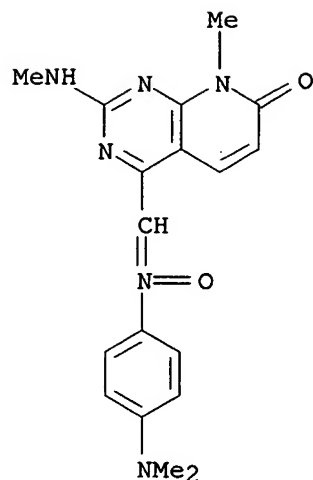
Thomas; Sheehan, Derek James; Toogood, Peter Laurence; Vanderwel, Scott  
Norman; Zhou, Hairong  
PA Warner-Lambert Company Llc, USA  
SO PCT Int. Appl., 146 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003062236	A1	20030731	WO 2003-IB59	20030110
	WO 2003062236	C1	20031224		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	BR 2003007057	A	20041026	BR 2003-7057	20030110
	EP 1470124	A1	20041027	EP 2003-700058	20030110
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	US 2003149001	A1	20030807	US 2003-345778	20030116
PRAI	US 2002-350877P	P	20020122		
	WO 2003-IB59	W	20030110		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

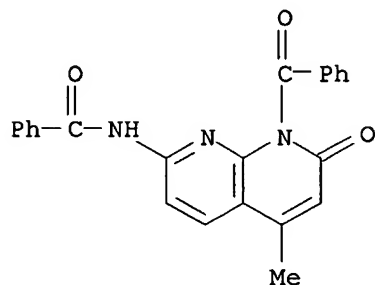
L17 ANSWER 23 OF 42 CHEMCATS COPYRIGHT 2005 ACS on STN

Accession No. (AN): 2002:160701 CHEMCATS  
Catalog Name (CO): Interbioscreen Compound Library  
Publication Date (PD): 9 May 2003  
Order Number (ON): STOCK1N-21221  
Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
4-[[[4-(dimethylamino)phenyl]oxidoimino]methyl]-8-  
methyl-2-(methylamino)-  
CAS Registry No. (RN): 374762-85-3  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



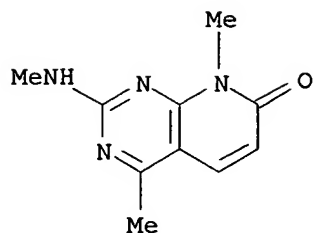
L17 ANSWER 24 OF 42 CHEMCATS COPYRIGHT 2005 ACS on STN

Accession No. (AN): 2001:1244636 CHEMCATS  
 Catalog Name (CO): Screening Collection  
 Publication Date (PD): 11 Aug 2003  
 Order Number (ON): A0231/0010416  
 Chemical Name (CN): Benzamide, N-(8-benzoyl-7,8-dihydro-5-methyl-7-oxo-1,8-naphthyridin-2-yl)-  
 CAS Registry No. (RN): 329733-80-4  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :



L17 ANSWER 25 OF 42 CHEMCATS COPYRIGHT 2005 ACS on STN

Accession No. (AN): 2001:969979 CHEMCATS  
 Catalog Name (CO): Interbioscreen Compound Library  
 Publication Date (PD): 9 May 2003  
 Order Number (ON): STOCK1N-12215  
 Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-dimethyl-2-(methyldamino)-  
 CAS Registry No. (RN): 294874-94-5  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :



=> file caplus, caold

FILE 'CAPLUS' ENTERED AT 17:07:42 ON 18 FEB 2005  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE 'CAOLD' ENTERED AT 17:07:42 ON 18 FEB 2005  
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 COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> d his

(FILE 'HOME' ENTERED AT 16:50:48 ON 18 FEB 2005)

FILE 'REGISTRY' ENTERED AT 16:50:58 ON 18 FEB 2005  
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 ACTIVATE TOM10647234/L

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 L3 STR  
 L4 ( 6027)SEA FILE=REGISTRY SSS FUL L2  
 L5 ( 2616)SEA FILE=REGISTRY SUB=L4 SSS FUL L3  
 L6 ( 3411)SEA FILE=REGISTRY L4 NOT L5  
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 L7 6027 S L2 FULL  
 L8 2616 S L3 FULL SUB=L7  
 L9 3411 S L7 NOT L8  
 L10 31 S L1 SUB=L9 SAMPLE  
 L11 698 S L1 FULL SUB=L9

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 L12 44 S L11  
 L13 1 S WO-20020068419?/PN  
 L14 43 S L12 NOT L13  
 L15 1 S US-4229456/PN  
 L16 42 S L14 NOT L15  
 L17 42 SORT L16 PY

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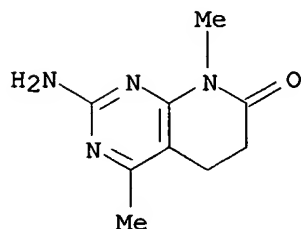
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L18 29 L17

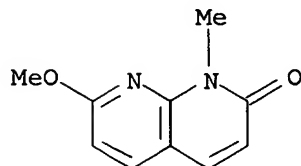
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ENTER (L18), L#, OR L# RANGE:.  
SORT ENTIRE ANSWER SET? (Y)/N:.  
1 ANSWERS DID NOT HAVE 'PY' SORT FIELD  
PROCESSING COMPLETED FOR L18  
L19 29 SORT L18 PY

=> d 1-25 cbib pi fhitr

L19 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN  
1965:66504 Document No. 62:66504 Original Reference No. 62:11808a-c Analogs  
of tetrahydrofolic acid. XIX. On the mode of binding of the pyrimidyl  
moiety of N-[p-(2-amino-4-hydroxy-6-methyl-5-pyrimidinylpropionamido)benzo  
yl]-L-glutamic acid to 5,10-methylenetetrahydrofolate dehydrogenase..  
Baker, B. R.; Almaula, Prabodh I. (State Univ. of New York, Buffalo).  
Journal of Heterocyclic Chemistry, 1(5), 263-70 (English) 1964. CODEN:  
JHTCAD. ISSN: 0022-152X.  
IT 830-64-8, Pyrido[2,3-d]pyrimidin-7(6H)-one, 2-amino-5,8-dihydro-  
4,8-dimethyl-  
(preparation of)  
RN 830-64-8 CAPLUS  
CN Pyrido[2,3-d]pyrimidin-7(6H)-one, 2-amino-5,8-dihydro-4,8-dimethyl- (7CI,  
8CI) (CA INDEX NAME)



L19 ANSWER 2 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN  
1973:526345 Document No. 79:126345 Synthesis and biological activity of  
certain 1,8-naphthyridines. Carboni, S.; Da Settimo, A.; Bertini, D.;  
Ferrarini, P. L.; Livi, O.; Tonetti, I. (Ist. Chim. Farm. Tossicol., Univ.  
Pisa, Pisa, Italy). Farmaco, Edizione Scientifica, 28(9), 722-32  
(Italian) 1973. CODEN: FRPSAX. ISSN: 0430-0920.  
IT 49655-94-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 49655-94-9 CAPLUS  
CN 1,8-Naphthyridin-2(1H)-one, 7-methoxy-1-methyl- (9CI) (CA INDEX NAME)



L19 ANSWER 3 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1976:24237 Document No. 84:24237 Search for efficient, near uv lasing dyes. II. Aza substitution in bicyclic dyes. Hammond, P. R.; Fletcher, A. N.; Henry, R. A.; Atkins, R. L. (Nav. Weapons Cent., China Lake, CA, USA). Applied Physics (Berlin), 8(4), 315-18 (English) 1975. CODEN: APHYCC. ISSN: 0340-3793.

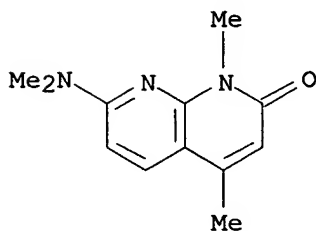
IT **57980-09-3**

RL: PRP (Properties)

(fluorescence and laser properties of)

RN 57980-09-3 CAPLUS

CN 1,8-Naphthyridin-2(1H)-one, 7-(dimethylamino)-1,4-dimethyl- (9CI) (CA INDEX NAME)



L19 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1976:421171 Document No. 85:21171 1,8-Naphthyridine derivatives: synthesis and pharmacological evaluation of  $\beta$ -receptor blocking activity. Tonetti, I.; Bertini, D.; Ferrarini, P. L.; Livi, O.; Del Tacca, M. (Ist. Chim. Farm., Univ. Pisa, Pisa, Italy). Farmaco, Edizione Scientifica, 31(3), 175-82 (English) 1976. CODEN: FRPSAX. ISSN: 0430-0920. OTHER SOURCES: CASREACT 85:21171.

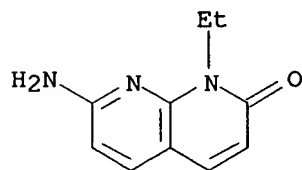
IT **59411-84-6P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and diazotization of)

RN 59411-84-6 CAPLUS

CN 1,8-Naphthyridin-2(1H)-one, 7-amino-1-ethyl- (9CI) (CA INDEX NAME)



L19 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1976:128535 Document No. 84:128535 New laser dyes with blue-green emission. Schimitschek, E. J.; Trias, J. A.; Hammond, P. R.; Henry, R. A.; Atkins, R. L. (Nav. Electron. Lab. Cent., San Diego, CA, USA). Optics Communications, 16(3), 313-16 (English) 1976. CODEN: OPCOB8. ISSN: 0030-4018.

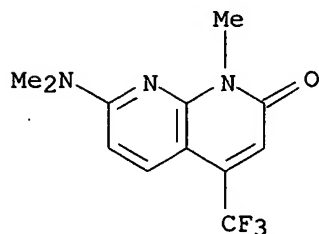
IT **57980-14-0P**

RL: PREP (Preparation)

(preparation and laser emission by)



RN 57980-14-0 CAPLUS

CN 1,8-Naphthyridin-2(1H)-one, 7-(dimethylamino)-1-methyl-4-(trifluoromethyl)-  
(9CI) (CA INDEX NAME)

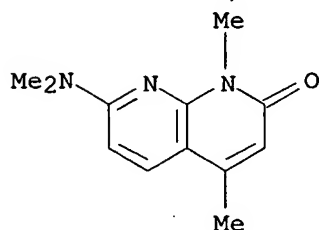
L19 ANSWER 6 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1977:575460 Document No. 87:175460 Laser dye stability. Part 3. Bicyclic  
dyes in ethanol. Fletcher, Aaron N. (Res. Dep., Nav. Weapons Cent., China  
Lake, CA, USA). Applied Physics (Berlin), 14(3), 295-302 (English) 1977.  
CODEN: APHYCC. ISSN: 0340-3793.

IT 57980-09-3

RL: DEV (Device component use); USES (Uses)  
(lasers, stability of)

RN 57980-09-3 CAPLUS

CN 1,8-Naphthyridin-2(1H)-one, 7-(dimethylamino)-1,4-dimethyl- (9CI) (CA  
INDEX NAME)

L19 ANSWER 7 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

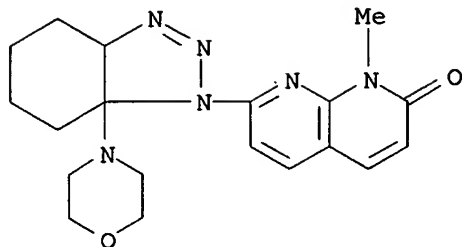
1979:72120 Document No. 90:72120 Reactions of two 1,8-naphthyridine azides  
with enamines. Livi, O.; Amato, E.; Biagi, G.; Ferrarini, P. L.;  
Primofiore, G. P. (Ist. Chim. Farm., Univ. Pisa, Pisa, Italy). Farmaco,  
Edizione Scientifica, 33(11), 838-48 (Italian) 1978. CODEN: FRPSAX.  
ISSN: 0430-0920. OTHER SOURCES: CASREACT 90:72120.

IT 69099-12-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and hydrolysis of)

RN 69099-12-3 CAPLUS

CN 1,8-Naphthyridin-2(1H)-one, 7-[3a,4,5,6,7,7a-hexahydro-7a-(4-morpholinyl)-  
1H-benzotriazol-1-yl]-1-methyl- (9CI) (CA INDEX NAME)



L19 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1978:555234 Document No. 89:155234 Laser dye stability. Part 5. Effect of chemical substituents of bicyclic dyes upon photodegradation parameters. Fletcher, Aaron N.; Bliss, Dan E. (Res. Dep., Nav. Weapons Cent., China Lake, CA, USA). Applied Physics (Berlin), 16(3), 289-95 (English) 1978. CODEN: APHYCC. ISSN: 0340-3793.

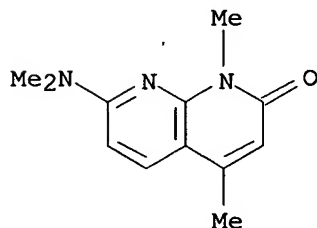
IT 57980-09-3

RL: PRP (Properties)

(laser stability of, photodegrdn. effects in)

RN 57980-09-3 CAPLUS

CN 1,8-Naphthyridin-2(1H)-one; 7-(dimethylamino)-1,4-dimethyl- (9CI) (CA INDEX NAME)



L19 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1979:132582 Document No. 90:132582 Inhibition of gastric acid secretion by 1,8-naphthyridin-2(1H)-ones. Bolhofer, William A.; Hoffman, Jacob M.; Habecker, Charles N.; Pietruszkiewicz, Adolph M.; Cragoe, Edward J., Jr.; Torchiana, Mary Lou (Merck Sharp and Dohme Res. Lab., West Point, PA, USA). Journal of Medicinal Chemistry, 22(3), 301-6 (English) 1979. CODEN: JMCMAR. ISSN: 0022-2623.

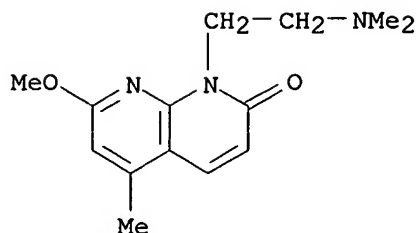
IT 69587-55-9P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation and gastric secretion inhibition by, antihistaminic activity in relation to)

RN 69587-55-9 CAPLUS

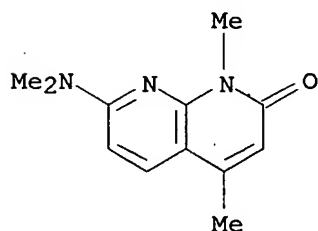
CN 1,8-Naphthyridin-2(1H)-one, 1-[2-(dimethylamino)ethyl]-7-methoxy-5-methyl- (9CI) (CA INDEX NAME)



L19 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1981:183233 Document No. 94:183233 Azaquinolone dye lasers. Hammond, Peter R.; Atkins, Ronald L.; Henry, Ronald A.; Fletcher, Aaron N. (United States Dept. of Energy, USA). Can. CA 1088659 19801028, 24 pp. (English). CODEN: CAXXA4. APPLICATION: CA 1977-275956 19770412.

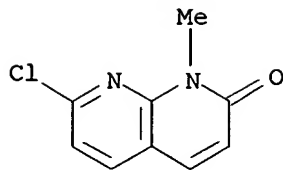
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 1088659	A1	19801028	CA 1977-275956	19770412
IT	<b>57980-09-3P</b>				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and lasing properties of)				
RN	57980-09-3 CAPLUS				
CN	1,8-Naphthyridin-2(1H)-one, 7-(dimethylamino)-1,4-dimethyl- (9CI) (CA INDEX NAME)				



L19 ANSWER 11 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1984:530612 Document No. 101:130612 Synthesis of bis(2-chloroethyl)amino-1,8-naphthyridines for evaluation as anticancer agents. Ferrarini, Pier Luigi; Mori, Claudio; Biagi, Giuliana; Livi, Oreste; Tonetti, Imperio (Ist. Chim. Farm. Tossicol., Univ. Pisa, Pisa, 56100, Italy). Journal of Heterocyclic Chemistry, 21(2), 417-19 (English) 1984. CODEN: JHTCAD. ISSN: 0022-152X. OTHER SOURCES: CASREACT 101:130612.

IT	<b>69099-05-4</b>				
	RL: RCT (Reactant); RACT (Reactant or reagent) (amination of, with diethanolamine)				
RN	69099-05-4 CAPLUS				
CN	1,8-Naphthyridin-2(1H)-one, 7-chloro-1-methyl- (9CI) (CA INDEX NAME)				



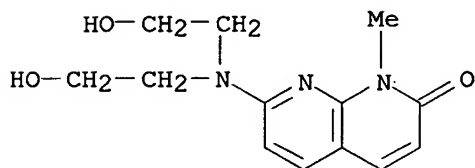
L19 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN  
 1990:151257 Document No. 112:151257 Study of the inhibition of platelet aggregation by 1,8-naphthyridine derivatives. Ferrarini, Pier Luigi; Mori, Claudio; Criscuoli, Marco (Ist. Chim. Farm. Tossicol., Univ. Pisa, Pisa, 56100, Italy). Farmaco, 44(6), 579-84 (English) 1989. CODEN: FRMCE8. ISSN: 0014-827X.

IT **91860-14-9**

RL: BIOL (Biological study)  
 (platelet aggregation inhibition by)

RN 91860-14-9 CAPLUS

CN 1,8-Naphthyridin-2(1H)-one, 7-[bis(2-hydroxyethyl)amino]-1-methyl- (9CI)  
 (CA INDEX NAME)



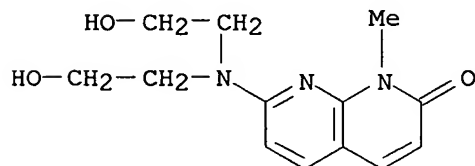
L19 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN  
 1995:256467 Document No. 123:47369 Synthesis and antiplatelet activity of some 1,8-naphthyridine derivatives. Ferrarini, P. L.; Mori, C.; Miceli, M.; Franconi, F. (Dip. Sci. Farmaceut., Univ. Pisa, Pisa, 56126, Italy). European Journal of Medicinal Chemistry, 29(10), 735-41 (English) 1994. CODEN: EJMCA5. ISSN: 0223-5234. Publisher: Elsevier.

IT **91860-14-9P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (synthesis and antiplatelet activity of 1,8-naphthyridine derivs.)

RN 91860-14-9 CAPLUS

CN 1,8-Naphthyridin-2(1H)-one, 7-[bis(2-hydroxyethyl)amino]-1-methyl- (9CI)  
 (CA INDEX NAME)



L19 ANSWER 14 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

1998:543072 Document No. 129:161569 Preparation of pyrido[2,3-d]pyrimidines and 4-aminopyrimidines as inhibitors of cellular proliferation.

Boschelli, Diane Harris; Dobrusin, Ellen Myra; Doherty, Annette Marian; Fattacy, Ali; Fry, David W.; Barvian, Mark R.; Kallmeyer, Susanne Trumpp; Wu, Zhipei (Warner Lambert Company, USA). PCT Int. Appl. WO 9833798 A2 19980806, 170 pp. DESIGNATED STATES: W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US1343 19980126. PRIORITY: US 1997-37220 19970205; US 1997-69743 19971216.

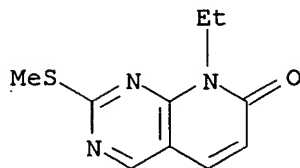
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PI	WO 9833798	A2	19980806	WO 1998-US1343	19980126
	WO 9833798	A3	19981105		
	W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2271157	AA	19980806	CA 1998-2271157	19980126
	AU 9866480	A1	19980825	AU 1998-66480	19980126
	AU 749750	B2	20020704		
	EP 964864	A2	19991222	EP 1998-908442	19980126
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9807305	A	20000502	BR 1998-7305	19980126
	NZ 335666	A	20001027	NZ 1998-335666	19980126
	JP 2001509805	T2	20010724	JP 1998-532971	19980126
	ZA 9800914	A	19981109	ZA 1998-914	19980204
	US 6498163	B1	20021224	US 1999-355681	19990802

IT 211244-82-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of pyrido[2,3-d]pyrimidines and 4-aminopyrimidines as inhibitors of cellular proliferation)

RN 211244-82-5 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-ethyl-2-(methylthio)- (9CI) (CA INDEX NAME)



L19 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

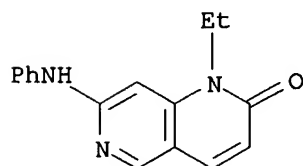
1999:139846 Document No. 130:196643 Preparation of naphthyridinones as

protein tyrosine kinase and cyclin dependant kinase inhibitors. Barvian, Mark Robert; Denny, William Alexander; Dobrusin, Ellen Myra; Hamby, James Marino; Showalter, Howard Daniel Hollis; Thompson, Andrew Mark; Winters, Roy Thomas; Wu, Zhipei (Warner-Lambert Company, USA). PCT Int. Appl. WO 9909030 A1 19990225, 133 pp. DESIGNATED STATES: W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US16848 19980813. PRIORITY: US 1997-56746 19970820.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9909030	A1	19990225	WO 1998-US16848	19980813
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2291222	AA	19990225	CA 1998-2291222	19980813
	AU 9888289	A1	19990308	AU 1998-88289	19980813
	AU 742999	B2	20020117		
	EP 1003745	A1	20000531	EP 1998-939941	19980813
	EP 1003745	B1	20041229		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9811956	A	20000815	BR 1998-11956	19980813
	JP 2001515078	T2	20010918	JP 2000-509710	19980813
	NZ 502704	A	20020628	NZ 1998-502704	19980813
	AT 286053	E	20050115	AT 1998-939941	19980813
	ZA 9807491	A	19990421	ZA 1998-7491	19980819
	MX 9911792	A	20000630	MX 1999-11792	19991215
	US 6150359	A	20001121	US 2000-463553	20000126

IT **220816-65-9P**  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of naphthyridinones as protein tyrosine kinase and cyclin dependant kinase inhibitors)

RN 220816-65-9 CAPLUS  
 CN 1,6-Naphthyridin-2(1H)-one, 1-ethyl-7-(phenylamino)- (9CI) (CA INDEX NAME)



L19 ANSWER 16 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN  
 2000:792832 Document No. 134:127686 Pyrido[2,3-d]pyrimidin-7-one Inhibitors  
 of Cyclin-Dependent Kinases. Barvian, Mark; Boschelli, Dianne; Cossrow,

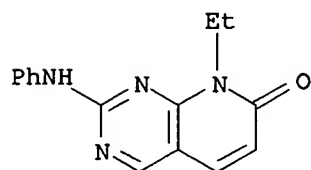
Jennifer; Dobrusin, Ellen; Fattaey, Ali; Fritsch, Alex; Fry, David; Harvey, Patricia; Keller, Paul; Garrett, Michelle; La, Frances; Leopold, Wilbur; McNamara, Dennis; Quin, Marie; Trumpp-Kallmeyer, Susanne; Toogood, Peter; Wu, Zhipei; Zhang, Erli (Departments of Chemistry and Cancer Research, Parke-Davis Pharmaceutical Research Division of Warner Lambert Company, Ann Arbor, MI, 48105, USA). Journal of Medicinal Chemistry, 43(24), 4606-4616 (English) 2000. CODEN: JMCMAR. ISSN: 0022-2623. OTHER SOURCES: CASREACT 134:127686. Publisher: American Chemical Society.

IT 211244-79-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(synthesis and structure-activity relationships of pyridopyrimidinone as inhibitors of cyclin-dependent kinases)

RN 211244-79-0 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-ethyl-2-(phenylamino)- (9CI) (CA INDEX NAME)



L19 ANSWER 17 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

2000:406761 Document No. 133:144627 Novel Cdk Inhibitors Restore TGF- $\beta$  Sensitivity in Cdk4 Overexpressing Epithelial Cells. Soni, Rajeev; Fretz, Heinz; Muller, Lionel; Schoepfer, Joseph; Chaudhuri, Bhabatosh (Oncology Research, Novartis Pharma AG, Basel, CH 4001, Switz.). Biochemical and Biophysical Research Communications, 272(3), 794-800 (English) 2000. CODEN: BBRCA9. ISSN: 0006-291X. Publisher: Academic Press.

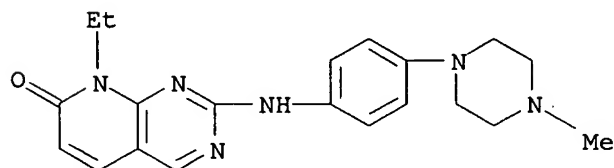
IT 211245-14-6

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(novel Cdk inhibitors restore TGF- $\beta$  sensitivity in Cdk4 overexpressing epithelial cells)

RN 211245-14-6 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-ethyl-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

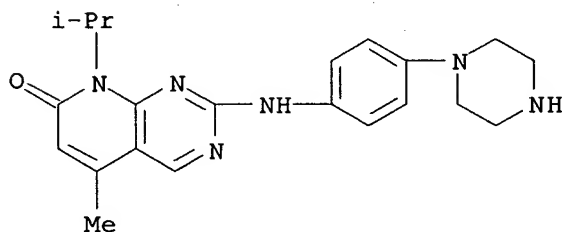


L19 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

2001:713350 Document No. 135:272982 Preparation of 5-alkylpyrido[2,3-d]pyrimidine tyrosine kinase inhibitors. Booth, Richard John; Dobrusin,

Ellen Myra; Toogood, Peter Laurence; Vanderwel, Scott Norman  
(Warner-Lambert Company, USA). PCT Int. Appl. WO 2001070741 A1 20010927,  
119 pp. DESIGNATED STATES: W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA,  
CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR,  
LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK,  
SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM;  
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB,  
GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English).  
CODEN: PIXXD2. APPLICATION: WO 2001-US2657 20010129. PRIORITY: US  
2000-PV187124 20000306.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001070741	A1	20010927	WO 2001-US2657	20010129
	W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2401368	AA	20010927	CA 2001-2401368	20010129
	EP 1268476	A1	20030102	EP 2001-905114	20010129
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	BR 2001009056	A	20030603	BR 2001-9056	20010129
	JP 2003528101	T2	20030924	JP 2001-568942	20010129
	NZ 520962	A	20030926	NZ 2001-520962	20010129
	EE 200200506	A	20040216	EE 2002-506	20010129
	ZA 2002007110	A	20031204	ZA 2002-7110	20020904
	NO 2002004235	A	20021105	NO 2002-4235	20020905
	BG 107161	A	20030630	BG 2002-107161	20021002
IT	<b>362656-75-5P</b>				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of kinase inhibiting alkylpyridopyrimidinones useful for treatment of cell proliferative disorders)				
RN	362656-75-5 CAPLUS				
CN	Pyrido[2,3-d]pyrimidin-7(8H)-one, 5-methyl-8-(1-methylethyl)-2-[[4-(1-piperazinyl)phenyl]amino]- (9CI) (CA INDEX NAME)				

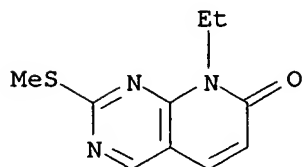


L19 ANSWER 19 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN  
2001:565041 Document No. 135:152818 Preparation of 2-amino-8H-pyrido[2,3-d]pyrimidin-7-ones as cyclin dependent kinase inhibitors for treatment of neurodegenerative disease. Booth, Richard John; Chatterjee, Arindam; Malone, Thomas Charles (Warner-Lambert Company, USA). PCT Int. Appl. WO



2001055148 A1 20010802, 232 pp. DESIGNATED STATES: W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2000-US32572 20001130. PRIORITY: US 2000-PV178400 20000127.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001055148	A1	20010802	WO 2000-US32572	20001130
W:			AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
CA 2394525	AA	20010802	CA 2000-2394525	20001130
BR 2000017075	A	20021105	BR 2000-17075	20001130
EP 1255755	A1	20021113	EP 2000-980883	20001130
R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	
JP 2003523358	T2	20030805	JP 2001-561007	20001130
US 2004224958	A1	20041111	US 2002-181866	20021112
IT 211244-82-5P				
RL:			RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)	
			(intermediate; preparation of 2-amino-8H-pyrido[2,3-d]pyrimidinones as cyclin-dependent kinase inhibitors by cyclization of 3-[2-(methylsulfinyl)-4-aminopyrimidin-5-yl]acrylates or acrylonitriles)	
RN 211244-82-5	CAPLUS			
CN			Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-ethyl-2-(methylthio)- (9CI) (CA INDEX NAME)	



L19 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

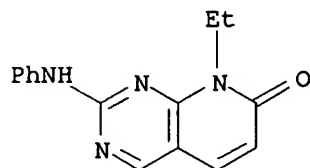
2001:108404 Document No. 137:181455 Pyrido[2,3-d]pyrimidin-7-one Inhibitors of Cyclin-Dependent Kinases. [Erratum to document cited in CA134:127686]. Barvian, Mark; Boschelli, Diane H.; Cossrow, Jennifer; Dobrusin, Ellen; Fattaey, Ali; Fritsch, Alex; Fry, David; Harvey, Patricia; Keller, Paul; Garrett, Michelle; La, Frances; Leopold, Wilbur; McNamara, Dennis; Quin, Maire; Trumpp-Kallmeyer, Susanne; Toogood, Peter; Wu, Zhipei; Zhang, Erli (Departments of Chemistry and Cancer Research, Parke-Davis Pharmaceutical Research Division, Warner Lambert Company, Ann Arbor, MI, 48105, USA). Journal of Medicinal Chemistry, 44(6), 1016 (English) 2001. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

IT 211244-79-0P

RL: BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(synthesis and structure-activity relationships of pyridopyrimidinone as inhibitors of cyclin-dependent kinases (Erratum))

RN 211244-79-0 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-ethyl-2-(phenylamino)- (9CI) (CA INDEX NAME)



L19 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

2002:637680 Document No. 137:185502 Preparation of 2,6-disubstituted 7-oxopyrido[2,3-d]pyrimidines for treating p38 mediated disorders. Chen, Jian Jeffrey; Dunn, James Patrick; Goldstein, David Michael; Stahl, Christoph Martin (F. Hoffmann-La Roche Ag, Switz.). PCT Int. Appl. WO 2002064594 A2 20020822, 207 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-EP1106 20020204. PRIORITY: US 2001-PV268375 20010212; US 2001-PV334654 20011130.

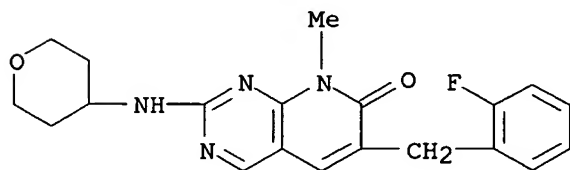
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002064594	A2	20020822	WO 2002-EP1106	20020204
WO 2002064594	A3	20030109		
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AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2434834	AA	20020822	CA 2002-2434834	20020204
EP 1361880	A2	20031119	EP 2002-726103	20020204
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002007172	A	20040330	BR 2002-7172	20020204
JP 2004525896	T2	20040826	JP 2002-564525	20020204
US 2003171584	A1	20030911	US 2002-73845	20020211
US 6696566	B2	20040224		
NO 2003003540	A	20030811	NO 2003-3540	20030811
US 2004116698	A1	20040617	US 2003-722703	20031125
IT 449808-65-5P				
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU				

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(inhibitor; preparation of oxopyrido[2,3-d]pyrimidines for treating p38 mediated disorders)

RN 449808-65-5 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 6-[(2-fluorophenyl)methyl]-8-methyl-2-[(tetrahydro-2H-pyran-4-yl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

L19 ANSWER 22 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

2003:591180 Document No. 139:149646 Preparation of pyrido[2,3-d]pyrimidin-7-ones as cdk4 inhibitors. Barvian, Mark Robert; Booth, Richard John; Quin, John, III; Repine, Joseph Thomas; Sheehan, Derek James; Toogood, Peter Laurence; Vanderwel, Scott Norman; Zhou, Hairong (Warner-Lambert Company LLC, USA). PCT Int. Appl. WO 2003062236 A1 20030731, 146 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-IB59 20030110. PRIORITY: US 2002-PV350877 20020122.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003062236	A1	20030731	WO 2003-IB59	20030110
	WO 2003062236	C1	20031224		
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	BR 2003007057	A	20041026	BR 2003-7057	20030110
	EP 1470124	A1	20041027	EP 2003-700058	20030110
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	US 2003149001	A1	20030807	US 2003-345778	20030116
IT	571189-35-0P,		4-[6-(8-Isopropyl-7-oxo-7,8-dihydropyrido[2,3-		

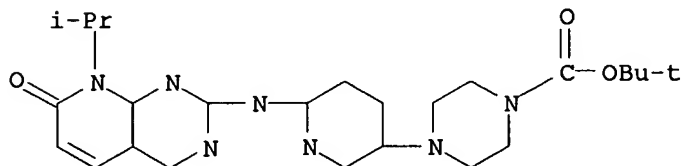
d]pyrimidin-2-ylamino)pyridin-3-yl]piperazine-1-carboxylic acid tert-butyl ester

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(cdk4 inhibitor; preparation of pyrido[2,3-d]pyrimidinones as cdk4 inhibitors for treating cell proliferative disorders)

RN 571189-35-0 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[6-[[7,8-dihydro-8-(1-methylethyl)-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-3-pyridinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

L19 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

2004:964825 Document No. 141:395573 Preparation of heterocyclic derivatives as CRF antagonists. O'Yang, Counde; Schoenfeld, Ryan Craig (Roche Palo Alto LLC, USA). U.S. Pat. Appl. Publ. US 2004224964 A1 20041111, 54 pp. (English). CODEN: USXXCO. APPLICATION: US 2004-839323 20040504.

PRIORITY: US 2003-PV468878 20030505.

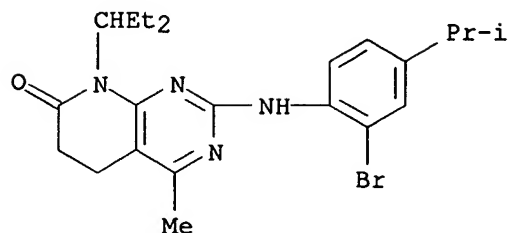
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004224964	A1	20041111	US 2004-839323	20040504
	WO 2004099209	A1	20041118	WO 2004-EP4411	20040427
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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IT 790688-68-5P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of fused pyrimidine derivs. as CRF antagonists)

RN 790688-68-5 CAPLUS

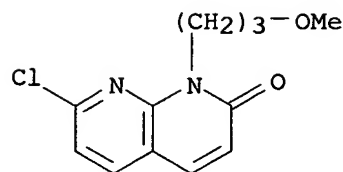
CN Pyrido[2,3-d]pyrimidin-7(6H)-one, 2-[[2-bromo-4-(1-methylethyl)phenyl]amino]-8-(1-ethylpropyl)-5,8-dihydro-4-methyl- (9CI) (CA INDEX NAME)



L19 ANSWER 24 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

2004:872786 Document No. 141:366251 Preparation of piperazine derivatives as renin inhibitors. Cai, Cuiman; Clay, Emma Hazel; Downing, Dennis Michael; Edmunds, Jeremy John; Holsworth, Daniel Dale; Li, Tingsheng; Powell, Noel Aaron (Warner-Lambert Company LLC, USA). PCT Int. Appl. WO 2004089915 A1 20041021, 168 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-IB1211 20040401. PRIORITY: US 2003-PV461931 20030410; US 2004-PV542306 20040209.

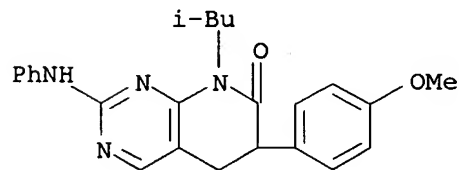
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004089915	A1	20041021	WO 2004-IB1211	20040401
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RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004214832	A1	20041028	US 2004-811134	20040326
IT 777935-09-8P,				
7-Chloro-1-(3-methoxypropyl)-1H-[1,8]naphthyridin-2-one				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(intermediate; preparation of piperazines as renin inhibitors for treating hypertension and congestive heart failure)				
RN 777935-09-8 CAPLUS				
CN 1,8-Naphthyridin-2(1H)-one, 7-chloro-1-(3-methoxypropyl)- (9CI) (CA INDEX NAME)				



L19 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

2004:513331 Document No. 141:71554 A preparation of novel pyrido[2,3-d]pyrimidinone derivatives, useful as selective inhibitors of kinase insert domain-contg. receptor (KDR) and fibroblast growth factor receptor (FGFR). Liu, Jin-Jun; Luk, Kin-Chun (USA). U.S. Pat. Appl. Publ. US 2004122029 A1 20040624, 33 pp. (English). CODEN: USXXCO. APPLICATION: US 2003-731594 20031208. PRIORITY: US 2002-PV434969 20021220; US 2003-PV513615 20031023.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004122029	A1	20040624	US 2003-731594	20031208
WO 2004056822	A1	20040708	WO 2003-EP14067	20031211
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
IT 710324-69-9P,	8-Isobutyl-6-(4-methoxyphenyl)-2-phenylamino-5,8-dihydro-6H-pyrido[2,3-d]pyrimidine-7-one			
RL:	PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)			
	(preparation of novel pyrido[2,3-d]pyrimidinone derivs., useful as selective inhibitors of KDR and FGFR kinases)			
RN 710324-69-9	CAPLUS			
CN	Pyrido[2,3-d]pyrimidin-7(6H)-one, 5,8-dihydro-6-(4-methoxyphenyl)-8-(2-methylpropyl)-2-(phenylamino)- (9CI) (CA INDEX NAME)			



=> file chemcats

FILE 'CHEMCATS' ENTERED AT 17:09:59 ON 18 FEB 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE LAST UPDATED 12 FEBRUARY 2005 (20050212/UP)

For details on recent updates in CHEMCATS, enter NEWS FILE at an arrow prompt. For the list of suppliers currently in the file, enter HELP SPA, HELP SPBC, HELP SPDH, HELP SPIN, HELP SPOP, and HELP SPQZ. For the list of current catalogs, enter HELP CTA, HELP CTBC, HELP CTDH, HELP CTIN, HELP CTOP, and HELP CTQZ.

This database is provided on an "as is" basis. Please consult the suppliers for current information regarding pricing, regional availability, available quantities, purities, etc. THERE ARE NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED. ACS is not liable for any loss of profit, goodwill or any other damages arising out of the use of this database.

CHEMCATS now contains more than 8 million records. See HELP CONTENT and NEWS FILE for details.

=> d his

(FILE 'HOME' ENTERED AT 16:50:48 ON 18 FEB 2005)

FILE 'REGISTRY' ENTERED AT 16:50:58 ON 18 FEB 2005

L1               STRUCTURE UPLOADED  
                  ACTIVATE TOM10647234/L

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L2               STR  
L3               STR  
L4 (           6027)SEA FILE=REGISTRY SSS FUL L2  
L5 (           2616)SEA FILE=REGISTRY SUB=L4 SSS FUL L3  
L6 (           3411)SEA FILE=REGISTRY L4 NOT L5

-----  
L7           6027 S L2 FULL  
L8           2616 S L3 FULL SUB=L7  
L9           3411 S L7 NOT L8  
L10          31 S L1 SUB=L9 SAMPLE  
L11          698 S L1 FULL SUB=L9

FILE 'CAPLUS, CAOLD, CHEMCATS' ENTERED AT 17:01:56 ON 18 FEB 2005

L12           44 S L11  
L13           1 S WO-20020068419?/PN  
L14           43 S L12 NOT L13  
L15           1 S US-4229456/PN  
L16           42 S L14 NOT L15  
L17           42 SORT L16 PY

FILE 'CAPLUS, CAOLD' ENTERED AT 17:07:42 ON 18 FEB 2005

L18           29 S L17  
L19           29 SORT L18 PY

FILE 'CHEMCATS' ENTERED AT 17:09:59 ON 18 FEB 2005

=> s l17

L20           13 S L17

=> d 1-13 str an ad co pd  
'AD' IS NOT A VALID FORMAT FOR FILE 'CHEMCATS'

The following are valid formats:

The default display format is IDE.

ALL ---- AN, CO, PD, ON, CN, RN, ST, Purity, Impurity, product  
identifiers, product notes, STR, product text  
(properties, regulatory information, references, prices,  
warnings, miscellaneous fields), CO, CA, CY, TX  
(products, terms, and conditions; products and services;  
packaging and shipping; safety and handling; other  
supplier information)  
COMP --- AN, CO, PD, CO, TX  
IDE ---- AN, CO, PD, ON, CN, RN, LSF, ST, STR  
MISC --- AN, miscellaneous product information fields  
PINFO -- AN, pricing information text  
PRICE -- AN, prices, quantities  
PROD --- AN, product text  
PROP --- AN, properties  
REF ---- AN, references  
REGS --- AN, regulatory information  
SAFE --- AN, product warnings  
SINFO -- AN, safety text  
HIT ---- All fields containing hit terms  
KWIC --- All hit terms plus 20 words on either side  
OCC ---- List of display fields containing hit terms

Hit terms will be highlighted in all displayable fields.

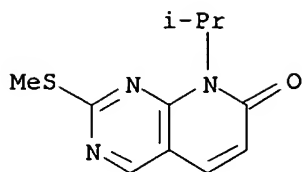
To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples include: 'KWIC'; 'CN RN'; 'IDE CO'. You may specify the formats and fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, KWIC, and OCC) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.

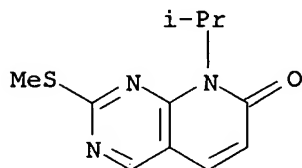
ENTER DISPLAY FORMAT (IDE):.

L20 ANSWER 1 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
Accession No. (AN): 2004:4330193 CHEMCATS  
Catalog Name (CO): Interchim Intermediates  
Publication Date (PD): 17 Sep 2004  
Order Number (ON): AO-638/40907409  
Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
8-(1-methylethyl)-2-(methylthio)-  
CAS Registry No. (RN): 211244-94-9  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :

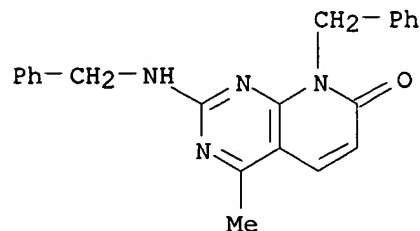




L20 ANSWER 2 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
 Accession No. (AN): 2004:4150238 CHEMCATS  
 Catalog Name (CO): Compounds For Screening  
 Publication Date (PD): 10 Jan 2005  
 Order Number (ON): AO-638/40907409  
 Chemical Name (CN): 8-isopropyl-2-(methylsulfanyl)pyrido[2,3-d]pyrimidin-7(8H)-one  
 CAS Registry No. (RN): **211244-94-9**  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :

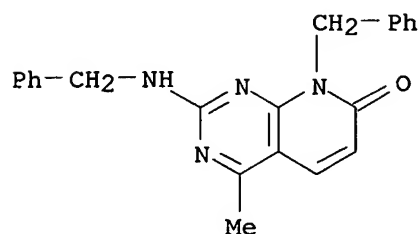


L20 ANSWER 3 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
 Accession No. (AN): 2004:937896 CHEMCATS  
 Catalog Name (CO): Synthetic and Natural Compounds Product List  
 Publication Date (PD): 17 Mar 2004  
 Order Number (ON): PHAR090515  
 Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-methyl-8-(phenylmethyl)-2-[(phenylmethyl)amino]-  
 CAS Registry No. (RN): **371782-11-5**  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :

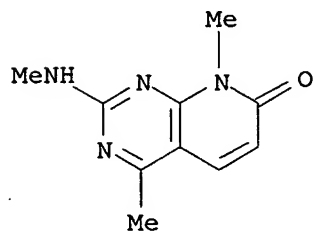


L20 ANSWER 4 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
 Accession No. (AN): 2003:1546211 CHEMCATS  
 Catalog Name (CO): Ambinter Screening Library  
 Publication Date (PD): 1 Jan 2004

Order Number (ON): STOCK1S-31078  
 Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
 4-methyl-8-(phenylmethyl)-2-[(phenylmethyl)amino]-  
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 CAS Registry No. (RN): 371782-11-5  
 Supplementary Term (ST): CHEMICAL LIBRARY  
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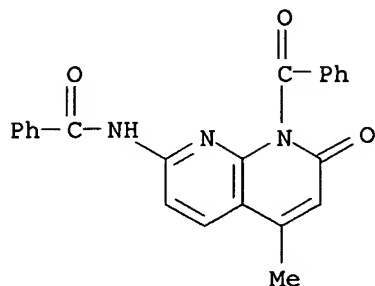


L20 ANSWER 5 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
 Accession No. (AN): 2003:980358 CHEMCATS  
 Catalog Name (CO): Ambinter Screening Library  
 Publication Date (PD): 1 Jan 2004  
 Order Number (ON): A1090/0051202  
 Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
 4,8-dimethyl-2-(methylamino)-  
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 Structure :

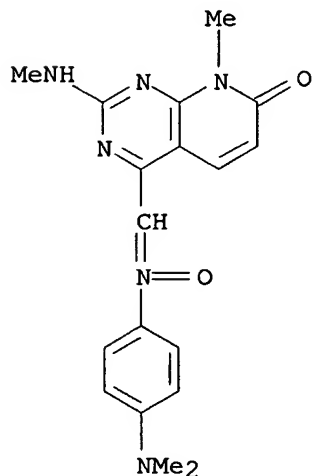


L20 ANSWER 6 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
 Accession No. (AN): 2003:945881 CHEMCATS  
 Catalog Name (CO): Ambinter Screening Library  
 Publication Date (PD): 1 Jan 2004  
 Order Number (ON): A0231/0010416  
 Chemical Name (CN): Benzamide, N-(8-benzoyl-7,8-dihydro-5-methyl-7-oxo-  
 1,8-naphthyridin-2-yl)-  
 Synonym (CN): Also sold under Ambinter Order Number(s):  
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Supplementary Term (ST): CHEMICAL LIBRARY  
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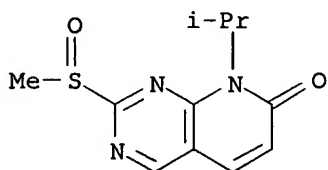


L20 ANSWER 7 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
Accession No. (AN): 2003:631833 CHEMCATS  
Catalog Name (CO): Ambinter Stock Screening Collection  
Publication Date (PD): 1 Jan 2004  
Order Number (ON): STOCK1N-21221  
Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
4-[[[4-(dimethylamino)phenyl]oxidoimino]methyl]-8-  
methyl-2-(methylamino)-  
CAS Registry No. (RN): 374762-85-3  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :

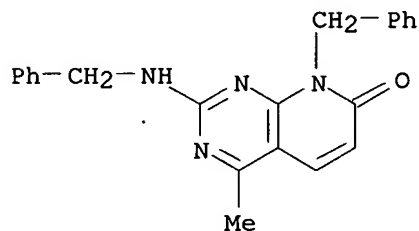


L20 ANSWER 8 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
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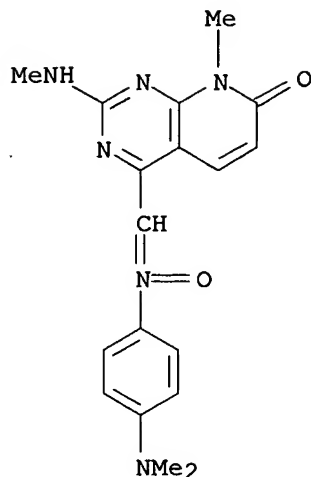
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Order Number (ON): AO-638/40907410  
Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
8-(1-methylethyl)-2-(methylsulfinyl)-  
CAS Registry No. (RN): **211244-95-0**  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



L20 ANSWER 9 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
Accession No. (AN): 2002:2435553 CHEMCATS  
Catalog Name (CO): Interchim Intermediates  
Publication Date (PD): 17 Sep 2004  
Order Number (ON): STOCK1S-31078  
Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
4-methyl-8-(phenylmethyl)-2-[(phenylmethyl)amino]-  
CAS Registry No. (RN): **371782-11-5**  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



L20 ANSWER 10 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
Accession No. (AN): 2002:160701 CHEMCATS  
Catalog Name (CO): Interbioscreen Compound Library  
Publication Date (PD): 9 May 2003  
Order Number (ON): STOCK1N-21221  
Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
4-[[[4-(dimethylamino)phenyl]oxidoimino]methyl]-8-  
methyl-2-(methylamino)-  
CAS Registry No. (RN): **374762-85-3**  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



L20 ANSWER 11 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN

Accession No. (AN): 2001:1244636 CHEMCATS

Catalog Name (CO): Screening Collection

Publication Date (PD): 11 Aug 2003

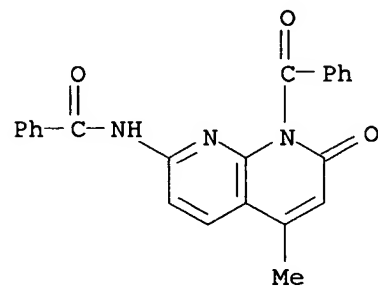
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Chemical Name (CN): Benzamide, N-(8-benzoyl-7,8-dihydro-5-methyl-7-oxo-1,8-naphthyridin-2-yl)-

CAS Registry No. (RN): 329733-80-4

Supplementary Term (ST): CHEMICAL LIBRARY

Structure :



L20 ANSWER 12 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN

Accession No. (AN): 2001:969979 CHEMCATS

Catalog Name (CO): Interbioscreen Compound Library

Publication Date (PD): 9 May 2003

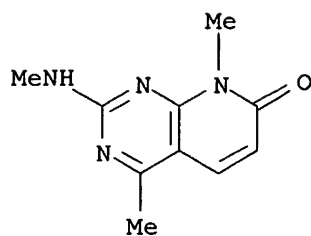
Order Number (ON): STOCK1N-12215

Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
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CAS Registry No. (RN): 294874-94-5

Supplementary Term (ST): CHEMICAL LIBRARY

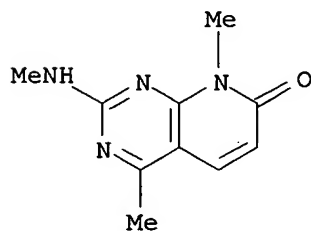
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L20 ANSWER 13 OF 13 CHE

Accession No. (AN):  
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Publication Date (PD):  
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CAS Registry No. (RN):  
Supplementary Term (ST):  
Structure :



=&gt; d 11-13 all

L20 ANSWER 11 OF 13 CHE

Accession No. (AN):  
Catalog Name (CO):  
Publication Date (PD):  
Order Number (ON):  
Chemical Name (CN):

CAS Registry No. (RN):  
Supplementary Term (ST):  
Structure :

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2001:1244636 CHEMCATS

Screening Collection

11 Aug 2003

A0231/0010416

Benzamide, N-(8-benzoyl-7,8-dihydro-5-methyl-7-oxo-  
1,8-naphthyridin-2-yl)-

**329733-80-4**

CHEMICAL LIBRARY

McKenzie

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2000:1082880 CHEMCATS

Screening Collection

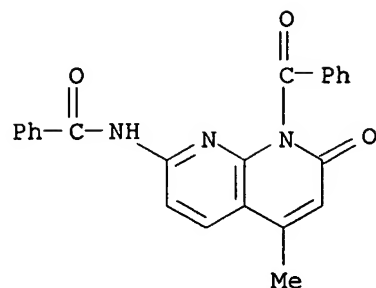
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A1090/0051202

Pyrido[2,3-d]pyrimidin-7(8H)-one,  
4,8-dimethyl-2-(methylamino)-

**294874-94-5**

CHEMICAL LIBRARY



## PRICES

Quantity : milligram quantities, Price: contact supplier

## COMPANY INFORMATION

Zelinsky Institute of Organic Chemistry  
47 Leninsky Prospect  
Moscow, 117913  
Russia

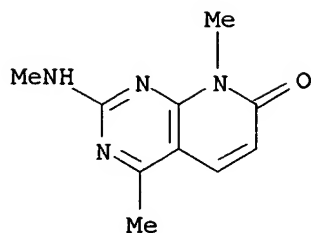
Phone: 7(095)135-4142  
Fax: 7(095)135-5328  
Email: [info@zelinsky.com](mailto:info@zelinsky.com)  
Web: <http://www.zelinsky.com>

Zelinsky Institute  
1300 First State Boulevard, Suite E  
Wilmington, DE, 19804  
USA

Phone: (302) 993-9165  
Fax: (302) 993-0458  
Email: [info@zelinsky.com](mailto:info@zelinsky.com)  
Web: <http://www.zelinsky.com>

L20 ANSWER 12 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN  
Accession No. (AN): 2001:969979 CHEMCATS  
Catalog Name (CO): Interbioscreen Compound Library  
Publication Date (PD): 9 May 2003  
Order Number (ON): STOCK1N-12215  
Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
4,8-dimethyl-2-(methylamino)-  
CAS Registry No. (RN): 294874-94-5  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :





## PRICES

Quantity : milligram quantities, Price: contact supplier

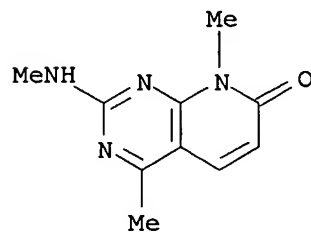
## COMPANY INFORMATION

Interbioscreen Ltd.  
P O Box 218  
Moscow, 121019  
Russia

Phone: 7 (095) 788 0651  
Fax: 7 (095) 788 0652  
Email: screen@ibscreen.chg.ru  
Web: <http://www.ibscreen.com>

L20 ANSWER 13 OF 13 CHEMCATS COPYRIGHT 2005 ACS on STN

Accession No. (AN): 2000:1082880 CHEMCATS  
Catalog Name (CO): Screening Collection  
Publication Date (PD): 11 Aug 2003  
Order Number (ON): A1090/0051202  
Chemical Name (CN): Pyrido[2,3-d]pyrimidin-7(8H)-one,  
4,8-dimethyl-2-(methylamino)-  
CAS Registry No. (RN): **294874-94-5**  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



## PRICES

Quantity : milligram quantities, Price: contact supplier

## COMPANY INFORMATION

Zelinsky Institute of Organic Chemistry  
47 Leninsky Prospect  
Moscow, 117913  
Russia

Phone: 7(095)135-4142  
Fax: 7(095)135-5328  
Email: info@zelinsky.com  
Web: http://www.zelinsky.com

Zelinsky Institute  
1300 First State Boulevard, Suite E  
Wilmington, DE, 19804  
USA

Phone: (302) 993-9165  
Fax: (302) 993-0458  
Email: info@zelinsky.com  
Web: http://www.zelinsky.com

=>

=> save temp 119tom10647234/a  
ENTER L#, L# RANGE, ALL, OR (END):119  
L19TOM10647234/A IS NOT A VALID SAVED NAME  
Enter the name you wish to use for the saved query,  
answer set, or L-number list. The name must:

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile,  
structure, or screen set), /A for an answer  
set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

ENTER NAME OR (END):tom10647234/a  
'TOM10647234/A' CANNOT BE USED BECAUSE 'TOM10647234/L' IS ALREADY SAVED  
A saved item (query, answer set, L# list,  
BATCH search request, or SDI profile) cannot be  
replaced by an item of a different type by  
entering the same name with a different qualifier  
(/Q, /A, or /L). If you wish to reuse this name,  
use the DELETE command to remove the old  
definition. Then reissue the SAVE command.

=> save temp 119 tom10647234a/a  
ANSWER SET NOT SAVED.  
THE ANSWER SET WAS CREATED IN FILES 'CAPLUS, CAOLD'.  
USE THE FILE COMMAND TO CHANGE TO THE CORRECT FILES.  
To use the SAVE command, you must be in the same file environment in  
which the answer set was created.

=> file caold caplus; save temp 119 tom10647234a/a  
FILE 'CAOLD' ENTERED AT 17:17:17 ON 18 FEB 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8091	((544/117,127,279,333,350,362) or (546/122) or (514/233.8,234.2,249,252.16,253.04,256,264.1,264.11,300)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/18 17:29
L2	45	1 AND ( "PDEv" OR "PDE 5")	US-PGPUB; USPAT	OR	ON	2005/02/18 17:30

Day :  
Friday  
Date:  
2/18/2005



**PALM INTRANET**

Time:  
15:34:57

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